

Formative Quiz September 8 and 9, 2010

1. Perform the following mathematical operations and e
number of significant figures:

a. $97.381 + 4.2502 + 0.99195 = 102.623$ ✓

b. $(9.04 - 8.23 + 21.954 + 81.0) \div 3.1416 = 19.1$

error here $\rightarrow 59.856 \div 3.1416$

$59.9 \div 3.1416 = 19.1$

2. The density of aluminum is 2.70 g/cm^3 . What is the

$0 = \frac{3}{\sqrt{}}$

$\times = \frac{3}{\sqrt{}}$

$\checkmark 2.70 = 2.3$